

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

|  |   |                                 |                  |
|--|---|---------------------------------|------------------|
| Substitute for form 1449B/PTO                            |   | <i><b>Complete if Known</b></i> |                  |
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b> |   | <b>Application Number</b>       | Unassigned       |
|  |   | <b>Filing Date</b>              | 08/25/2003       |
|  |   | <b>First Named Inventor</b>     | Tatsuya KAWASAKI |
|  |   | <b>Group Art Unit</b>           | Unassigned       |
|  |   | <b>Examiner Name</b>            | Unassigned       |
|  |   | <b>Attorney Docket Number</b>   | 070639-0143      |
| Sheet  | 1 | of                              | 1                |

# **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

## **NON PATENT LITERATURE DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>6</sup> |
|-----------------------|--------------------------|--|----------------|
|                       |                          |  |                |
|                       |                          |  |                |

|                       |  |                    |            |
|-----------------------|--|--------------------|------------|
| Examiner<br>Signature |  | Date<br>Considered | 12/09/2005 |
|-----------------------|--|--------------------|------------|

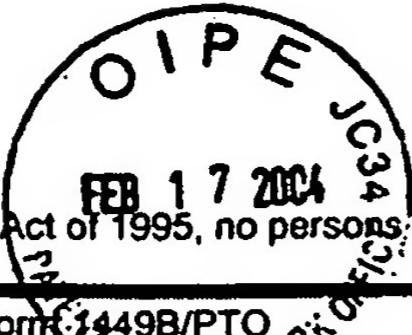
\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO).

<sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. <sup>6</sup>Applicant is to place a check mark here if

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. An estimate of the time required to complete this form is provided on the document titled "Form G Standard S1.15", if possible.

the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, PO Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450.



MODIFIED PTO/SB/08 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

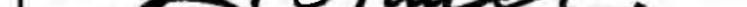
|   |                  |  |   |                           |            |                    |            |                             |                  |                       |         |                      |         |                               |             |
|---|------------------|--|---|---------------------------|------------|--------------------|------------|-----------------------------|------------------|-----------------------|---------|----------------------|---------|-------------------------------|-------------|
| <p>Substitute for form 1449B/PTO<br/>7-12-01<br/>U.S. Patent and Trademark Office</p> <p><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b></p> <p>Date Submitted: February 17, 2004<br/><i>(use as many sheets as necessary)</i></p> |                  | <p><b>Complete if Known</b></p> <table border="1"> <tr> <td><b>Application Number</b></td> <td>10/646,868</td> </tr> <tr> <td><b>Filing Date</b></td> <td>08/25/2003</td> </tr> <tr> <td><b>First Named Inventor</b></td> <td>Tatsuya KAWASAKI</td> </tr> <tr> <td><b>Group Art Unit</b></td> <td>Unknown</td> </tr> <tr> <td><b>Examiner Name</b></td> <td>Unknown</td> </tr> <tr> <td><b>Attorney Docket Number</b></td> <td>070639-0143</td> </tr> </table> |   | <b>Application Number</b> | 10/646,868 | <b>Filing Date</b> | 08/25/2003 | <b>First Named Inventor</b> | Tatsuya KAWASAKI | <b>Group Art Unit</b> | Unknown | <b>Examiner Name</b> | Unknown | <b>Attorney Docket Number</b> | 070639-0143 |
| <b>Application Number</b>   | 10/646,868       |  |   |                           |            |                    |            |                             |                  |                       |         |                      |         |                               |             |
| <b>Filing Date</b>  | 08/25/2003       |  |   |                           |            |                    |            |                             |                  |                       |         |                      |         |                               |             |
| <b>First Named Inventor</b>   | Tatsuya KAWASAKI |  |   |                           |            |                    |            |                             |                  |                       |         |                      |         |                               |             |
| <b>Group Art Unit</b>   | Unknown          |  |   |                           |            |                    |            |                             |                  |                       |         |                      |         |                               |             |
| <b>Examiner Name</b>  | Unknown          |  |   |                           |            |                    |            |                             |                  |                       |         |                      |         |                               |             |
| <b>Attorney Docket Number</b>   | 070639-0143      |  |   |                           |            |                    |            |                             |                  |                       |         |                      |         |                               |             |
| Sheet   | 1                | of   | 1 |                           |            |                    |            |                             |                  |                       |         |                      |         |                               |             |

## **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

## **NON PATENT LITERATURE DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>6</sup> |
|--------------------|-----------------------|--|----------------|
| DG                 | B2                    | Patent Abstracts of Japan, Vol. 2002, No. 02, 2 April 2002, Abstract only.   |                |
|                    |                       |  |                |
|                    |                       |  |                |

|                       |  |                    |            |
|-----------------------|--|--------------------|------------|
| Examiner<br>Signature |  | Date<br>Considered | 12/09/2005 |
|-----------------------|--|--------------------|------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, PO Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450.